S&H Form: PTO/SB/05 (2/02)

| TRANSMITTAL  (Only for original applications)  APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.  See MPEP chapter 600 concerning utility patent application contents.  See MPEP chapter 600 concerning utility patent application contents.  See MPEP chapter 600 concerning utility patent application (2014)  1. See Transmittal Form  2. Specification, Claims & Abstract[Total Pages: 63]  3. Drawing(s) (35 USC 113)   | 0   | UTILITY   | Attorney Docket No. 1075.1255  | _     |  |  |  |  |  |  |
|--|---|---|--|-------|--|--|--|--|--|--|
| TRANSMITTAL  (Only for original applications)  APPLICATION ELEMENTS  See MFEP chapter 600 concerning utility patent application contents.  See MFEP chapter 600 concerning utility patent application contents.  See MFEP chapter 600 concerning utility patent application contents.  Do Specification, Claims & Abstract[Total Pages; 63]  Drawing(s) (35 USC 113)   | PATENT APPLICATION  First Named Inventor or Application Identifier:   |   |  |       |  |  |  |  |  |  |
| Conty for original applications   Express Mail Label No.   |   |   |  |       |  |  |  |  |  |  |
| Conty for original applications   Express Mail Label No.   |   | <u>TRANSMITTAL</u>  |  | U.S.  |  |  |  |  |  |  |
| Box Patent Application PO Box 1450 Alexandria, VA 22313-1450  1.   | <br> -  | (Only for original applications)  | Express Mail Label No.   |       |  |  |  |  |  |  |
| Box Patent Application PO Box 1450 Alexandria, VA 22313-1450  1.   |   | APPLICATION ELEMENTS  |  | 17858 |  |  |  |  |  |  |
| PO Box 1450 Alexandria, VA 22313-1450  1. See Transmittal Form 2. Specification, Claims & Abstract[Total Pages;_63] 3. Drawing(s) (35 USC 113)   |   |   |  | -     |  |  |  |  |  |  |
| 1.   |   |   |  |       |  |  |  |  |  |  |
| 2.   |   |   | Alexandria, VA 22313-1450  |       |  |  |  |  |  |  |
| 3. Drawing(s) (35 USC 113)   |   |   | 0.1  |       |  |  |  |  |  |  |
| 4. □ Oath or Declaration   |   |   |  |       |  |  |  |  |  |  |
| a.   Newly executed (original or copy) b.   Copy from a prior application (37 CFR 1.63(d)) i.   DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  5.   Verified Statement Claiming Small Entity Status 6.   Applicant claims foreign priority benefit to: Japanese Application No. 2003-293385 filed August 14, 2003 7.   Applicant claims foreign priority benefit to: Japanese Application No. 2003-293385 filed August 14, 2003 8.   CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix) 9.   Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a.   Computer Readable Form (CRF) b.   Specification Sequence Listing on: i.   CD-ROM or CD-R (2 copies); or ii.   paper c.   Statement verifying identity of above copies  10.   For publication of assignee information under 37 CFR 1.215(b), list the assignee as Fujitsu Limited of Kawasaki, Japan. The Assignment papers will be filed later.  ACCOMPANYING APPLICATION PARTS  11.   Assignment (cover sheet & document(s)) to  |   |   |  |       |  |  |  |  |  |  |
| 6.   | <ul> <li>a. Newly executed (original or copy)</li> <li>b. Copy from a prior application (37 CFR 1.63(d))</li> <li>i. DELETION OF INVENTOR(S)</li> <li>Signed statement attached deleting inventor(s) named in the prior application,</li> </ul> |   |  |       |  |  |  |  |  |  |
| Applicant claims foreign priority benefit to: Japanese Application No. 2003-293385 filed August 14, 2003  CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  Computer Readable Form (CRF)  Specification Sequence Listing on:  CD-ROM or CD-R (2 copies); or  CD-ROM or CD-R (3 copies); or  CD-ROM or CD-R (4 copies); or  CD-ROM or CD-R (5 copies); or  CD-ROM or CD-R (6 copies); or  CD-ROM or CD-R (8 copies); or  CD-ROM or CD-ROM or CD-R (8 copies); or  CD-ROM or CD-ROM or CD-ROM or Copies | 5.  Verified Statement Claiming Small Entity Status   |   |  |       |  |  |  |  |  |  |
| 8. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)  9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statement verifying identity of above copies  10. For publication of assignee information under 37 CFR 1.215(b), list the assignee as Fujitsu Limited of Kawasaki, Japan. The Assignment papers will be filed later.  ACCOMPANYING APPLICATION PARTS  11. Assignment (cover sheet & document(s)) to for publication of assignee information under 37 CFR 1.215(b)  12. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney  13. English Translation Document (if applicable)  14. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations  15. Preliminary Amendment  16. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  17. Certified Copy of Priority Document(s) (if foreign priority is claimed)  18. Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  19. Other:  | 6. 🗆  | 6. Application Data Sheet. See 37 C.F.R. 1.76   |  |       |  |  |  |  |  |  |
| 9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statement verifying identity of above copies  10. For publication of assignee information under 37 CFR 1.215(b), list the assignee as Fujitsu Limited of Kawasaki, Japan. The Assignment papers will be filed later.  ACCOMPANYING APPLICATION PARTS  11. Assignment (cover sheet & document(s)) to for publication of assignee information under 37 CFR 1.215(b)  12. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney  13. English Translation Document (if applicable)  14. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations  15. Preliminary Amendment  16. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  17. Certified Copy of Priority Document(s) (if foreign priority is claimed)  18. Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  19. Other:  | 7. Applicant claims foreign priority benefit to: <u>Japanese Application No. 2003-293385 filed August 14, 2003</u>  |   |  |       |  |  |  |  |  |  |
| a.   | 8. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)  |   |  |       |  |  |  |  |  |  |
| ACCOMPANYING APPLICATION PARTS  11.  | 9. 🔟  | <ul> <li>a.  Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ol> <li>CD-ROM or CD-R (2 copies); or</li> <li>paper</li> </ol> </li> </ul> | n (if applicable, all necessary)   |       |  |  |  |  |  |  |
| 11.  |   |   |  |       |  |  |  |  |  |  |
| ☐ for publication of assignee information under 37 CFR 1.215(b)  12. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney  13. ☐ English Translation Document (if applicable)  14. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations  15. ☐ Preliminary Amendment  16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)  18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  19. ☐ Other:  20. CORRESPONDENCE ADDRESS   |   |   |  |       |  |  |  |  |  |  |
| 12. □ 37 CFR 3.73(b) Statement (when there is an assignee) □ Power of Attorney  13. □ English Translation Document (if applicable)  14. ☑ Information Disclosure Statement (IDS)/PTO-1449 ☑ Copies of IDS Citations  15. □ Preliminary Amendment  16. ☑ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  17. ☑ Certified Copy of Priority Document(s) (if foreign priority is claimed)  18. □ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  19. □ Other:  | 11.   |   | 050 4 0454)  |       |  |  |  |  |  |  |
| 13. ☐ English Translation Document (if applicable)  14. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations  15. ☐ Preliminary Amendment  16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)  18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  19. ☐ Other:  20. CORRESPONDENCE ADDRESS  |   |   | <u>_</u>   |       |  |  |  |  |  |  |
| <ul> <li>14. ☑ Information Disclosure Statement (IDS)/PTO-1449 ☑ Copies of IDS Citations</li> <li>15. ☐ Preliminary Amendment</li> <li>16. ☑ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</li> <li>17. ☑ Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</li> <li>19. ☐ Other:</li> <li>20. CORRESPONDENCE ADDRESS</li> </ul>  | 12.   37 CFR 3.73(b) Statement (when there is an assignee)  Power of Attorney   |   |  |       |  |  |  |  |  |  |
| <ul> <li>15. ☐ Preliminary Amendment</li> <li>16. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</li> <li>17. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</li> <li>19. ☐ Other:</li> <li>20. CORRESPONDENCE ADDRESS</li> </ul>   |   |   |  |       |  |  |  |  |  |  |
| <ul> <li>16.</li></ul>   | 14.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations   |   |  |       |  |  |  |  |  |  |
| <ul> <li>17.  ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</li> <li>19. ☐ Other:</li> <li>20. CORRESPONDENCE ADDRESS</li> </ul>   | 15. Preliminary Amendment   |   |  |       |  |  |  |  |  |  |
| 18. Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  19. Other:  20. CORRESPONDENCE ADDRESS   |   |   |  |       |  |  |  |  |  |  |
| PTO/SB/35 or its equivalent  19.  Other:  20. CORRESPONDENCE ADDRESS   |   |   |  |       |  |  |  |  |  |  |
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| 20. CORRESPONDENCE ADDRESS   |   |   |  |       |  |  |  |  |  |  |
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S&H Form (10/03)

| NEW APPLICATION   |   |                     |                                       |                   |                  |                 |                  | 5.1255               |  |  |  |
|---|---|---------------------|---------------------------------------|-------------------|------------------|-----------------|------------------|----------------------|--|--|--|
| FEE TRANSMITTAL   |   |                     | Application Number                    |                   |                  |                 |                  |                      |  |  |  |
|   |   |                     |                                       |                   |                  | ch 23, 2004     |                  |                      |  |  |  |
| AMOUNT ENCLOSED \$ 9  |   |                     | 986.00                                | First Named Inver |                  | ventor          | Toru             | OKADA, et al.        |  |  |  |
| FEE CALCULATION (fees effective 10/01/03)   |   |                     |                                       |                   |                  |                 |                  |                      |  |  |  |
| CLAIMS (1) FOR  |   | (2) NUMBER<br>FILED | (3) NUMBER<br>EXTRA                   |                   | (4) RATE         |                 | (5) CALCULATIONS |                      |  |  |  |
| TOTAL CLAIMS  |   | 32 - 20 =           | 12                                    |                   | X \$ 18.00 =     |                 | \$ 216.00        |                      |  |  |  |
| INDEPENDENT<br>CLAIMS   |   | 3 - 3=              | 0                                     |                   | X \$ 86.00 =     |                 | 0.00             |                      |  |  |  |
|   | MULTIPLE DEPENDENT CLAIMS (a if applicable) |                     |                                       |                   |                  | + \$290.        |                  |                      |  |  |  |
|   |   |                     |                                       |                   |                  |                 |                  | 770.00               |  |  |  |
| Total of above Calculations =   |   |                     |                                       |                   |                  |                 |                  | \$ 986.00            |  |  |  |
| Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)  |   |                     |                                       |                   |                  |                 |                  |                      |  |  |  |
| Reduction by 50% for filing by small entity (37 CFR 1.27).  |   |                     |                                       |                   |                  |                 |                  | \$ 986.00            |  |  |  |
|   | TOTAL FILING FEE =                          |                     |                                       |                   |                  |                 |                  | Ψ <del>3</del> 00.00 |  |  |  |
| Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))  |   |                     |                                       |                   |                  |                 |                  |                      |  |  |  |
|   | Recordation                                 | n of Ass            | signment (\$40.00                     | ; 37 CFR          |                  |                 |                  |                      |  |  |  |
|   |   |                     |                                       |                   | TOTAL FEES DUE = |                 |                  | \$ 986.00            |  |  |  |
| METHOD OF   | PAYMENT                                     |                     |                                       |                   |                  |                 |                  |                      |  |  |  |
|   | enclosed as                                 | paymen              | t.                                    |                   |                  |                 |                  |                      |  |  |  |
| . —   |   |                     | " to the Deposit                      |                   |                  |                 |                  |                      |  |  |  |
| ☐ (unless   | specifically r                              | equired             | d no charges to to to obtain a filing |                   | t Acco           | unt are a       | uthoriz          | ed at this time      |  |  |  |
| GENERAL A   | UTHORIZAT                                   | ION                 |                                       |                   |                  |                 |                  |                      |  |  |  |
|   |   |                     | NT ENCLOSED"                          |                   |                  |                 |                  |                      |  |  |  |
| author  | ized to credit                              | any ove             | erpayment or cha                      | arge any a        | ddition          | at tees ne<br>I | ecessa           | ary to:              |  |  |  |
|   | Deposit Acc                                 | ount No             | 19-3935                               | ···-              |                  |                 |                  |                      |  |  |  |
|   | Deposit Acc                                 | ount Na             | me STAAS &                            | HALSEY            | LLP              |                 |                  |                      |  |  |  |
| The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. |   |                     |                                       |                   |                  |                 |                  |                      |  |  |  |
| SUBMITTED BY: STAAS & HALSEY LLP  |   |                     |                                       |                   |                  |                 |                  |                      |  |  |  |
| Typed Name  | Paul I. Kr                                  | avetz               |                                       |                   |                  | Reg. No         | ).               | 35,230               |  |  |  |
|   |   |                     |                                       |                   |                  |                 | March 23, 2004   |                      |  |  |  |
| 0 2001 Stage  | 2 Halcov I I E                              | )                   | <b>1</b>                              | /                 |                  |                 |                  |                      |  |  |  |